**Bibliografía correspondiente a Albéitar 219 (octubre 2018)**

**Título del artículo:** Programación prenatal y epigenética en pequeños rumiantes

**Autores:** J.L. Pesantez, C. García-Contreras, M. Vázquez-Gómez, M.V. Sanz-Fernández, A. Heras-Molina, S. Astiz, A. González-Bulnes

**Sección:** Pequeños rumiantes

1. Barker DJ. The fetal and infant origins of adult disease. BMJ 1990; 301: 1111.
2. Ford SP, Hess BW, Schwope MM, Nijland MJ, Gilbert JS, Vonnahme KA, Means WJ, Han H, Nathanielsz PW. Maternal undernutrition during early to mid-gestation in the ewe results in altered growth, adiposity, and glucose tolerance in male offspring. J Anim Sci. 2007; 85: 1285-1294.
3. Freetly, H.C. and Leymaster, K.A. Relationship between litter birth weight and litter size in six breeds of sheep. J. Anim. Sci. 2004; 82: 612-618.
4. Gardner DS, Buttery PJ, Daniel Z. and Symonds ME. Factors affecting birth weight in sheep: maternal environment. Reproduction 2007; 133: 297-307.
5. Gluckman PD, Hanson MA. Living with the past: evolution, development and patterns of disease. Science 2004; 305: 1733–1736.
6. González-Bulnes A, Ovilo C. Genetic basis, nutritional challenges and adaptive responses in the prenatal origin of obesity and type-2 diabetes. Curr Diabetes Rev 2012; 8: 144-154.
7. Gootwine E, Spencer TE, Bazer FW. Litter-size-dependent intrauterine growth restriction in sheep. Animal 2007; 1: 547-564.
8. Greenwood PL, Thompson AN. Consequences of maternal nutrition during pregnancy and of foetal growth for productivity of sheep. Recent Adv Anim Nutr Austr. 2007; 16: 185-196.
9. Morrison JL. Sheep models of intrauterine growth restriction: fetal adaptations and consequences. Clin Exp Pharmacol Physiol. 2008; 35: 730-743.
10. Parraguez VH, Atlagich M, Diaz R, Bruzzone ME, Behn C, Raggi LA. Lambs growth at high altitude: comparison between animals with different time of adaptation to hypoxic environment. Agrociencia 2004; 20: 39-45.
11. Parraguez VH, Atlagich M, Díaz R, Bruzzone ME, Behn C, Raggi LA. Effect of hypobaric hypoxia on lamb intrauterine growth: comparison between high- and low-altitude native ewes. Reprod. Fertil. Dev. 2005; 17: 497-505.
12. Parraguez VH, Atlagich M, Díaz R, Cepeda R, González C, De los Reyes M, Bruzzone ME, Behn C, Raggi LA. Ovine placenta at high altitude: comparison of animals with different time of adaptation to hypoxic environment. Anim Reprod Sci. 2006; 95: 151-157.
13. Paten AM, Kenyon PR, Lopez-Villalobos N, Peterson SW, Jenkinson CM, Pain SJ, Blair HT. Lactation Biology Symposium: maternal nutrition during early and mid-to-late pregnancy: Comparative effects on milk production of twin-born ewe progeny during their first lactation. J Anim Sci. 2013; 91: 676-684.
14. Rumball CWH, Harding JE, Oliver MH. and Bloomfield FH. Effects of twin pregnancy and periconceptional undernutrition on maternal metabolism, fetal growth and glucose-insulin axis function in ovine pregnancy. J. Physiol. 2008; 586: 1399-1411.
15. Van der Linden DS, Sciascia Q, Sales F. and McCoard SA. Placental nutrient transport is affected by pregnancy rank in sheep. J. Anim. Sci. 2014; 91: 644-653.